

(19) World Intellectual Property
Organization
International Bureau



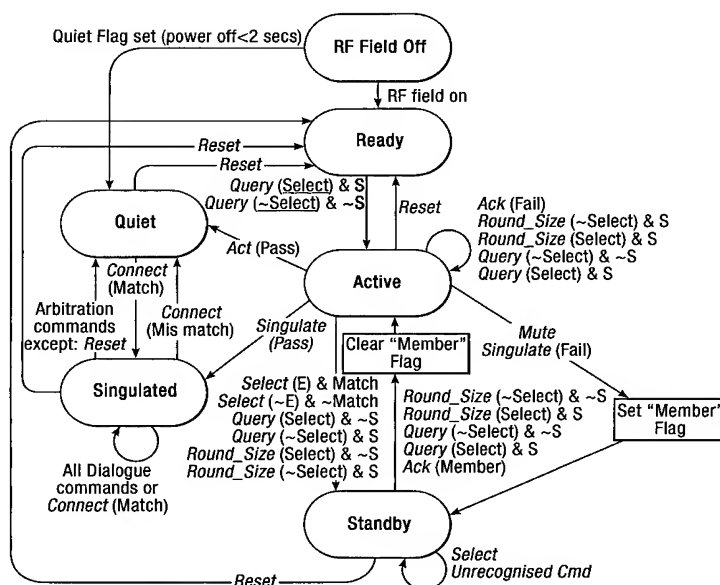
(43) International Publication Date
25 August 2005 (25.08.2005)

PCT

(10) International Publication Number
WO 2005/078633 A1

- (51) International Patent Classification⁷: **G06K 7/00**
- (21) International Application Number:
PCT/GB2005/000345
- (22) International Filing Date: 2 February 2005 (02.02.2005)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
0402667.0 6 February 2004 (06.02.2004) GB
- (71) Applicant (for all designated States except US): **BTG INTERNATIONAL LIMITED** [GB/GB]; 10 Fleet Place, Limeburner Lane, London EC4M 7SB (GB).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **TURNER, Christopher, Gordon, Gervase** [GB/GB]; 53 Brill Road, Oakley, Bucks HP18 9QN (GB). **McMURRAY, John** [ZA/ZA]; Alberton, 1457 Gauteng (ZA).
- (74) Agent: **KIDD, Piers, Burgess;** BTG International Limited, 10 Fleet Place, Limeburner Lane, London EC4M 7SB (GB).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:
— with international search report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **RFID GROUP SELECTION METHOD**



(57) Abstract: The invention describes a selection and arbitration method for reading a population of RFID transponders (tags). The transponders are selected or de-selected individually, or in one or more groups, using one or more command signals from a reader. The command signals from the reader include selection or de-selection criteria for selecting or de-selecting transponders by moving them between different states by setting or resetting a command flag, such as a flip-flop, in the transponders. The different transitional states include a Ready state, an Active state, a Standby state, a Singulated state and a Quiet state.

WO 2005/078633 A1